

REMARKS

Claims 1-28 are pending in the present application. Claims 16-22 were allowed in the Final Office Action dated November 19, 2004. Claims 1-12, 14, 15, 23-25 and 27 were rejected. Claims 2, 13, 26, and 28 were objected to. Claims 1, 11, 23 and 28 are amended to include limitations of dependent claims that were objected to but were indicated to be allowable if rewritten in independent form. Reconsideration of all rejected claims is respectfully requested in light of the present amendments.

Claim 1 as amended includes the limitation, "suspending execution of the first pipeline for a clock cycle and using the clock cycle to fetch an address vector associated with the second context" that was previously recited in claim 2. Claim 2 was indicated to be allowable if rewritten in independent form. Because claim 1 as amended corresponds to claim 2 rewritten in independent form, claim 1 is submitted to be allowable. Claim 2 is canceled. Claims 3-10 and 27 depend from claim 1 and are therefore submitted to be allowable at least as depending from an allowable base claim.

Claim 11 as amended includes the limitation, "a shared pipeline instruction datapath comprising a pipeline address stage, a pipeline fetch stage, a pipeline memory stage, and a pipeline decode stage." This corresponds to the limitation formerly recited in claim 13, which was indicated to be allowable if rewritten in independent form. Because claim 11 as amended corresponds to claim 13 rewritten in independent form, claim 11 is submitted to be allowable. Claim 13 is canceled. Claims 12, 14 and 15 depend from claim 11 and are submitted to be allowable at least for depending from an allowable base claim.

Claim 23 as amended includes limitations that were previously in claim 26 which was indicated to be allowable if rewritten in independent form. Because claim 23 as amended corresponds to claim 26 rewritten in independent form, claim 23 is submitted to be allowable. Claim 25 is amended to have claim language that is consistent with claim 23 as amended. Claim 26 is canceled. Claims 24 and 25 depend from claim 23 and are submitted to be allowable at least as depending from an allowable base claim.

Claim 28 was indicated to be allowable if rewritten in independent form and is therefore rewritten in independent form including all the limitations of claim 1 (prior to the present amendment). Thus, claim 28 is believed to be allowable.

Accordingly, all claims are now believed to be in condition for allowance and an indication of their allowance is requested. However, if the Examiner is aware of any outstanding issues a phone call to the undersigned attorney at (415) 318-1160 would be appreciated.

Respectfully submitted,

2/15/05
Date

Peter Gallagher
Peter A. Gallagher
Reg. No. 47,584

PARSONS HSUE & DE RUNTZ LLP
655 Montgomery Street, Suite 1800
San Francisco, CA 94111
(415) 318-1160 (main)
(415) 318-1167(direct)
(415) 693-0194 (fax)